



NITFS

Compliance Registration



Product: Environment For Visualizing Images
(ENVI), Version 4.4,

Sponsor: Dated October 11, 2007

Developer: ITT Visual Information Solutions

Date: 30 Jan 2008

Expiration: 29 Jan 2010

Registration #: 2061

- ☐ Initial Registration
☒ Supplemental/Update #2047
☐ Derived from Reg. #

ITT Visual Information Solutions

System

N-0105/98, §4.1.1

NITFS Features Implemented:

Format

NITF

☒ V2.1

☒ V2.0

☒ V1.1

NSIF

☒ V1.0

Pixel Value Types

☐ Boolean

☒ Integer

☒ Signed Integer *

☒ IEEE Real *

☐ IEEE Complex *

Annotation Segment Type

☐ Bit Mapped **

☐ CGM, 2301

☐ CGM, 2301A

☐ Labels **

Text Segments

☒ STA

☐ UT1

☐ U8S

☐ MTF

Image Segment Types

☒ MONO

☒ RGB

☐ RGB/LUT

☐ YCbCr

☒ MULTI

☒ NODISPLAY

☐ POLAR

Image Compression

☒ Not Compressed

☒ JPEG Lossy, 8-bit

☐ JPEG Lossy, 12-bit

☐ JPEG Downsample

☐ JPEG Lossless

☒ JPEG 2000

☐ Bi-Level

☐ Vector Quantization

☒ Multispectral JPEG, Individual Band

Data Extension Segments

☐ TRE_OVERFLOW

☐ STREAMING_FILE_HEADER

☐ Controlled Extensions **

☐ Registered Extensions **

Tagged Record Extensions

☒ BANDSB

☒ CSDE

☒ DIGEST GeoSDE*

☒ ICHIPB

☐ IOMAPA

☒ J2KLRA

☐ NCDRD

☒ NSDE

☒ PIAE

☐ RPC00B

Legend

Interpret Gen
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

** NITF 2.0 feature

* NITF 2.1 feature

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

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Chief
Joint Interoperability Test Command
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Intelligence Agency for the NITFS Test and
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